

### REMARKS

The present application is directed to a method of producing thin films of a I-III-VI<sub>y</sub> compound. The application is also directed to regeneration of an electrolysis bath for the production of the I-III-VI<sub>y</sub> compound by electrochemistry. Following entry of this amendment Claims 11-20 will be pending. Claims 1-10 are cancelled without prejudice. Claims 11-13 and 17-19 are currently amended. No new matter is added and support for the amendments may be found throughout the specification and priority applications.

#### **Claim rejections under 35 U.S.C. §112, second paragraph**

In the Non-Final Office Action mailed August 28, 2006, the Examiner rejected Claims 12-15, 17 and 19 under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicants regard as the invention. The Examiner indicated that Claims 12-15, 17 and 19 would be allowable if re-written or amended to overcome the rejection. Applicants respectfully submit that the amendments to the Claims overcome the rejection.

Claims 12, 13, 17 and 19 are amended herein to incorporate language suggested by the Examiner to further clarify the Claims. Accordingly, Applicants respectfully submit Claims 12-15, 17 and 19 are now definite and Applicants respectfully request withdrawal of the rejection under 35 U.S.C. §112, second paragraph.

#### **Allowable Subject Matter**

In the Non-Final Office Action mailed August 28, 2006 the Examiner stated that Claims 11-20 are free from the prior art of record because the prior art does not teach or suggest a method of producing a I-III-VI<sub>y</sub> compound in thin film form by electrochemistry, in which y is close to 2 and VI is an element comprising selenium.

### CONCLUSION

Based upon the amendments and remarks provided above, Applicants believe that the pending claims are in condition for allowance. A Notice of Allowance is therefore respectfully solicited.

No additional fees are believed due; however, the Commissioner is hereby authorized to charge any additional fees that may be required, or credit any overpayment, to Deposit Account No. 11-0855.

If the Examiner believes any informalities remain in the application that may be corrected by Examiner's Amendment, or there are any other issues that can be resolved by telephone interview, a telephone call to the undersigned agent at (404) 815-6473 is respectfully solicited.

Respectfully submitted,



Zara A. Doddridge, Ph.D.  
Reg. No. 59,098

KILPATRICK STOCKTON LLP  
2800 Peachtree Street  
Suite 2800  
Atlanta, GA 30309  
Telephone: 404-815-6500  
Facsimile: 404-815-6555  
Attorney Docket No. 42528-316590